FTI-TLK40: Vehicle Coverage and Preparation Notes



Make	Model	Year	Year Install		Lights	Trunk	POC	I/O Changes	
DL-TL1					Park / Auto			Green White/Blue	
Toyota	Highlander 40 bit	2008-10	Type 1	OBD-II	Type 1	N/A	N/A	START2/NONE	
	STD Key AT								

Firmware: This installation requires BLADE-AL(DL)-TL1, flash module and update the controller firmware before installing.

Install Type 1: Ignition harness connections are hardwired using either the high current or low current **CN1 harness**, an inspection of the vehicle wiring will indicate which version is required, but if you are unsure of which, use the high current version.

CAN: CAN data connections are located at the OBD-II connector, the OBD-II connection is mandatory.

Lights: Parking light negative and auto-light control (if equipped) are located at the parking light switch 20-pin connector of the headlight switch. The applicable lighting connections are illustrated. Replace the **green/white** wire in the gray CM I/O connector with the harness pre-terminated **green/white** wire for parking lights, and use the provided **white/red & white/black** wires to interrupt the auto-light wire, if equipped.

I/O Changes: This install requires changing the controller output from Parking Light to START 2.

- -- CM7 Series controllers: Move jumper 3 to **STARTER** position
- -- CMX controllers: Configure HCP#1 for 2ND START (setting 2)
- -- CM900 controllers: Set Feature Option 1-6 to setting 2.

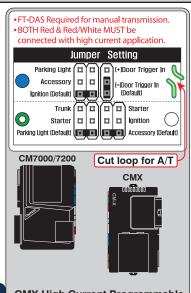
If issues arise disarming the OEM alarm during remote start, set option 1-01 to 2.



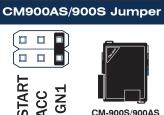
Hood Switch Jumper: The FTL-TLK40 harness is equipped with a jumper for bypassing module detection of hood switch status. If the vehicle is not equipped with a hood switch, connect the jumper before programming the module to the vehicle.

FTI-TLK40: Installation and Configuration Notes

- A INSPECT VEHICLE WIRING USE APPROPRIATE HARNESS
- **B** CONNECTION REQUIRED
- OPTIONAL CONNECTION (CONNECT JUMPER IF NOT EQUIPPED FACTORY HOOD SWITCH)
- D CONNECTION REQUIRED
- E CONNECTIONS REQUIRED



	FEATURE COVERAGE																		
0	0	0	0	0		0	0	0	0	0	0	0	0		0	0			
IMMOBILIZER DATA	ARM OEM ALARM	DISARM OEM ALARM	DOOR LOCK	DOOR UNLOCK		TRUNK RELEASE (IF EQUIPPED)	LIFTGATE GLASS RELEASE	тасн оитрит	BRAKE STATUS	E-BRAKE STATUS	DOOR STATUS	TRUNK STATUS	HOOD STATUS		LOW CURRENT IGN HARNESS	AUTOLIGHT CONTROL			



CMX High Current Programmable
(+) Output Channels

HCP #1 - Parking Light

HCP #2 - Accessory

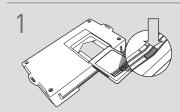
HCP #3 - Ignition

[2] 2ND START
[3] 2ND IGNITION
[4] 2ND ACCESSORY



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CARTRIDGE INSTALLATION



Slide cartridge into unit. Notice button under LED.

2

Ready for Module Programming Procedure.

TYPE 1 - MODULE PROGRAMMING PROCEDURE

NOTE

I Between each step, LED will turn solid RED, this is the default standby mode.



Insert key into ignition.

2 (D)

Turn key to ON position.

3 x1

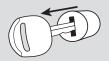
LED will flash BLUE once [1x].

4



Turn key to OFF position.

5



Remove key.

6

Insert key into ignition.

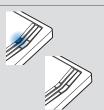
7



LED will flash BLUE and RED.

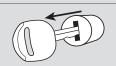
(If vehicle is not equipped with immobilizer, press module programming button.)

8



Wait, LED will turn solid BLUE then will turn OFF.

9



Remove key.

10

Module Programming Procedure completed.